Title (en)
LH-TYPE BISPECIFIC ANTIBODY

Title (de)
BISPEZIFISCHER LH-ANTIKÖRPER

Title (fr)
ANTICORPS BISPÉCIFIQUE DU TYPE LH

Publication
EP 2412808 A4 20130123 (EN)

Application
EP 10755725 A 20100104

Priority
- JP 2010050008 W 20100104
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- JP 2009260576 A 20091116

Abstract (en)
[origin: EP2412808A1] [Problem] Provided are a novel diabody type bispecific antibody, the function of which as a bispecific antibody is improved to provide a higher additional value, such as cost saving caused by a reduction in dose, to a drug; and a method for producing the same. [Solution] A humanized diabody type bispecific antibody (LH-diabody type bispecific antibody) characterized in that an L-chain is located in the N-terminal side in each polypeptide (LH type); a humanized high-functional bispecific antibody which contains said LH diabody type bispecific antibody; a nucleic acid molecule encoding both of two kinds of single-stranded polypeptides constituting said bispecific antibody; and a method for producing said antibody which comprises culturing a host cell having been transformed by an expression vector containing said nucleic acid molecule.

IPC 8 full level
C12N 15/09 (2006.01); **A61K 39/395** (2006.01); **A61P 35/00** (2006.01); **C07K 16/28** (2006.01); **C07K 16/46** (2006.01); **C12N 1/21** (2006.01); **C12P 21/08** (2006.01)

CPC (source: EP US)
A61P 35/00 (2017.12 - EP); **C07K 16/2809** (2013.01 - EP US); **C07K 16/2863** (2013.01 - EP US); **C07K 16/46** (2013.01 - EP US); **C07K 16/468** (2013.01 - US); C07K 2317/14 (2013.01 - US); C07K 2317/24 (2013.01 - EP US); C07K 2317/31 (2013.01 - EP US); C07K 2317/622 (2013.01 - US); C07K 2317/626 (2013.01 - EP US)

Citation (search report)
- [I] EP 2006379 A1 20081224 - UNIV TOHOKU [JP]
- See references of WO 2010109924A1

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